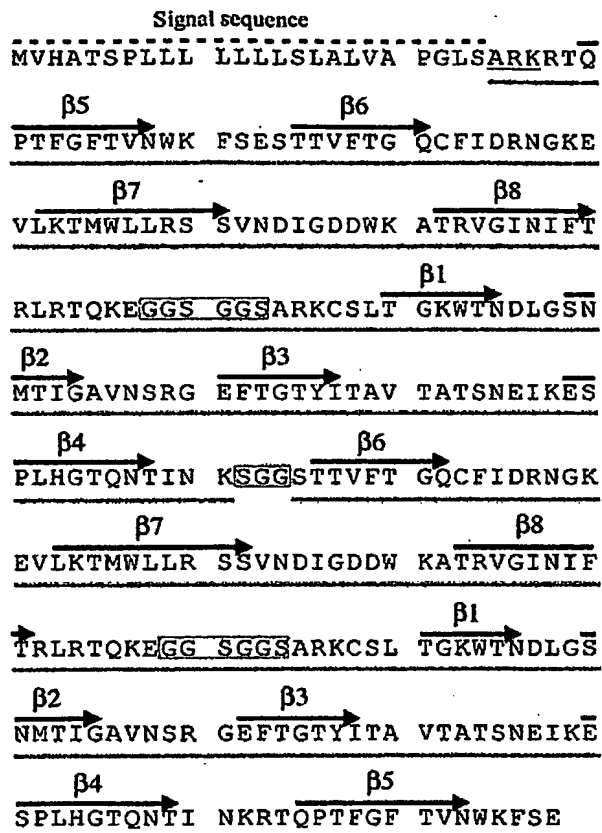


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Fig. 1

A



B

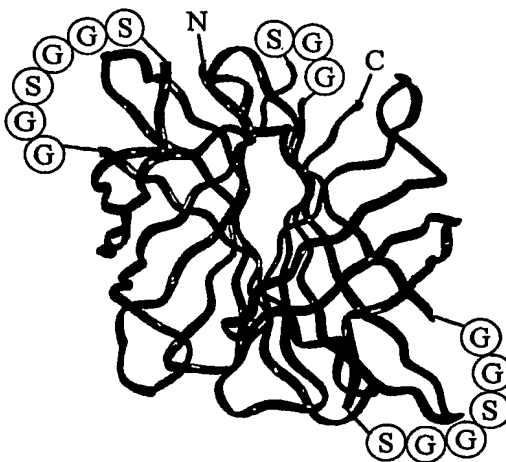
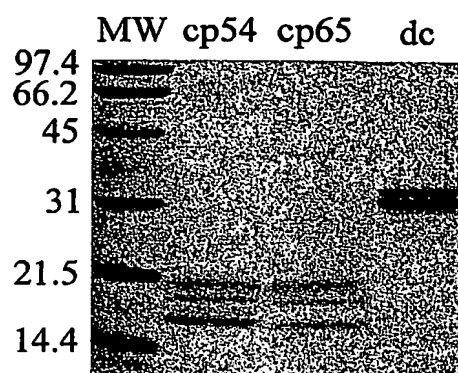
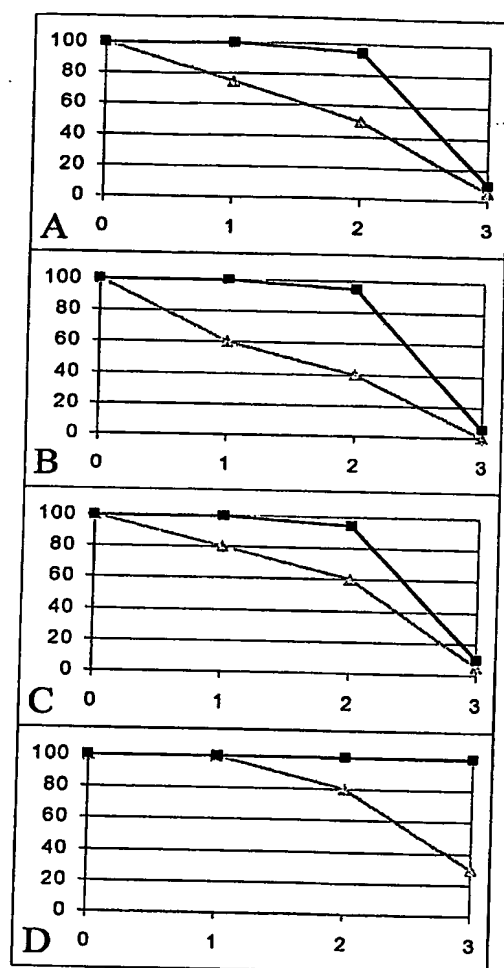


Fig. 2



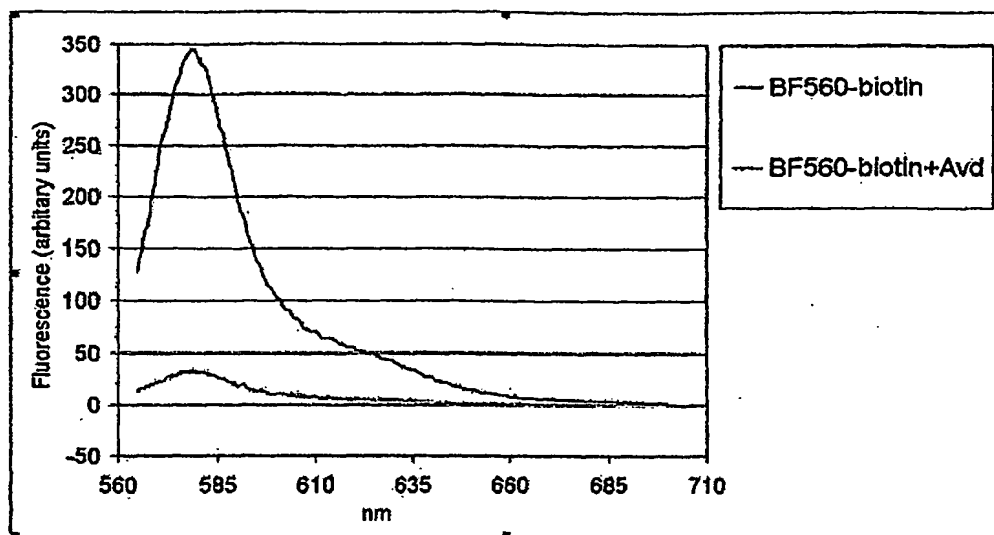
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Fig. 3



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Fig. 4



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Fig. 5

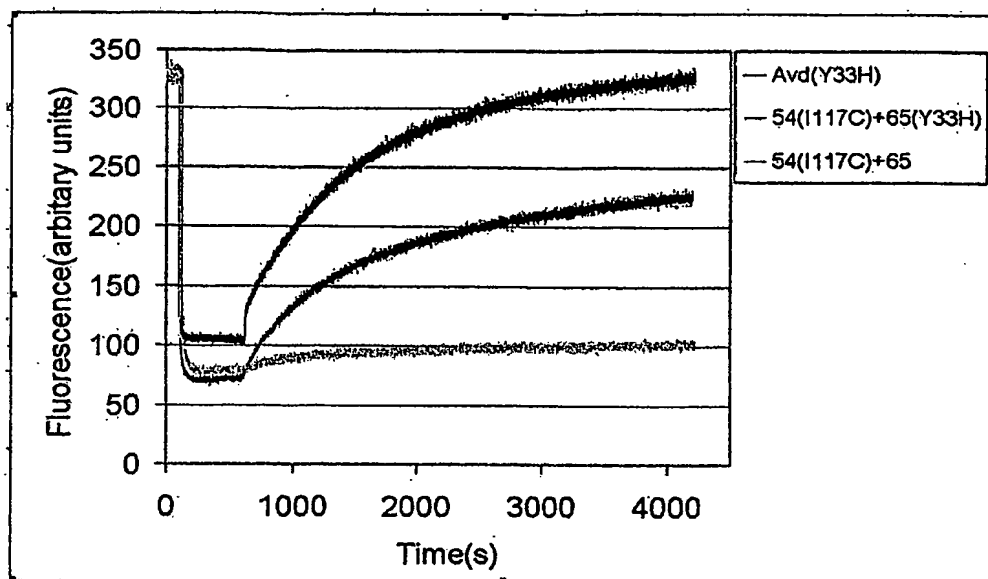


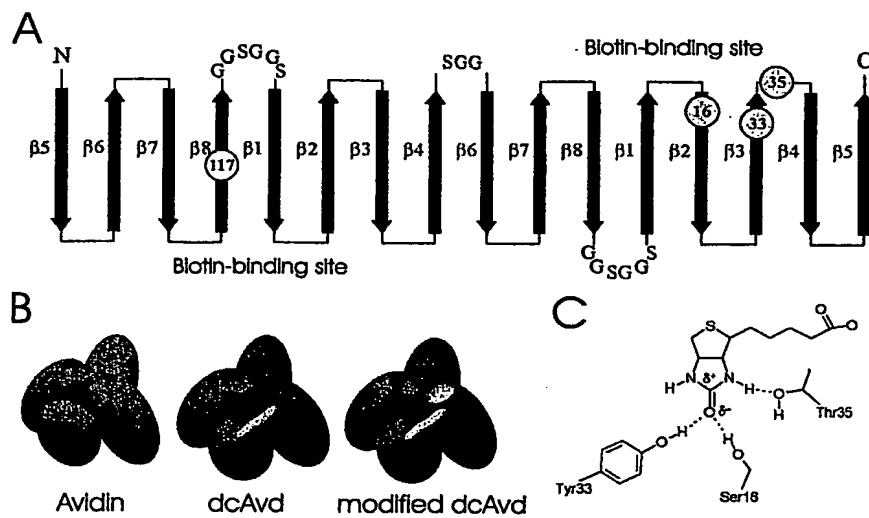
Fig. 6

ATGGTGCACGCAACCTCCCCGCTGCTGCTGCTGCTGCT
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GTGCTTCATAGACAGGAATGGGAAGGAGGTCCTGAAG
ACCATGTGGCTGCTGCGGTCAAGTGTTAATGACATTGG
TGATGACTGGAAAGCTACCAGGGTCGGCATCAACATC
TTCCTCGCCTGCGCACACAGAAGGAGGGAGGCTCCG
GAGGCTCCGCCAGAAAGTGCTCGCTGACTGGGAAATG
GACCAACGATCTGGGCTCCAACATGACCATCGGGGCT
GTGAACAGCAGAGGTGAATTCACAGGCACCTACATCA
CAGCCGTAAACAGCCACATCAAATGAGATCAAAGAGTC
ACCACTGCATGGGACACAAAACACCATCAACAAGTCC
GGCGGATCCACCACTGTCTTCACGGGCCAGTGCTTCAT
AGACAGGAATGGGAAGGAGGTCCTGAAGACCATGTGG
CTGCTGCGGTCAAGTGTTAATGACATTGGTGATGACTG
GAAAGCTACCAGGGTCGGCATCAACATCTTCACTCGCC
TGCGCACACAGAAGGAGGGAGGCTCCGGAGGCTCCGC
CAGAAAGTGCTCGCTGACTGGGAAATGGACCAACGAT
CTGGGCTCCAACATGACCATCGGGGCTGTGAACAGCA
GAGGTGAATTCACAGGCACCTACATCACAGCCGTAAAC
AGCCACATCAAATGAGATCAAAGAGTCACCACTGCAT
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GGTTCGGGATCGGGATCCGGCTCTGGCAGCGGCAGGA
CCCAGCCACCTTTGGCTTCACCGTCAATTGGAAGTTT
TCAGAGTCCACCACTGTCTTCACGGGCCAGTGCTTCAT
AGACAGGAATGGGAAGGAGGTCCTGAAGACCATGTGG
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TCACAGGCACCTACATCACAGCCGTAAACAGCCACATC
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Fig. 7

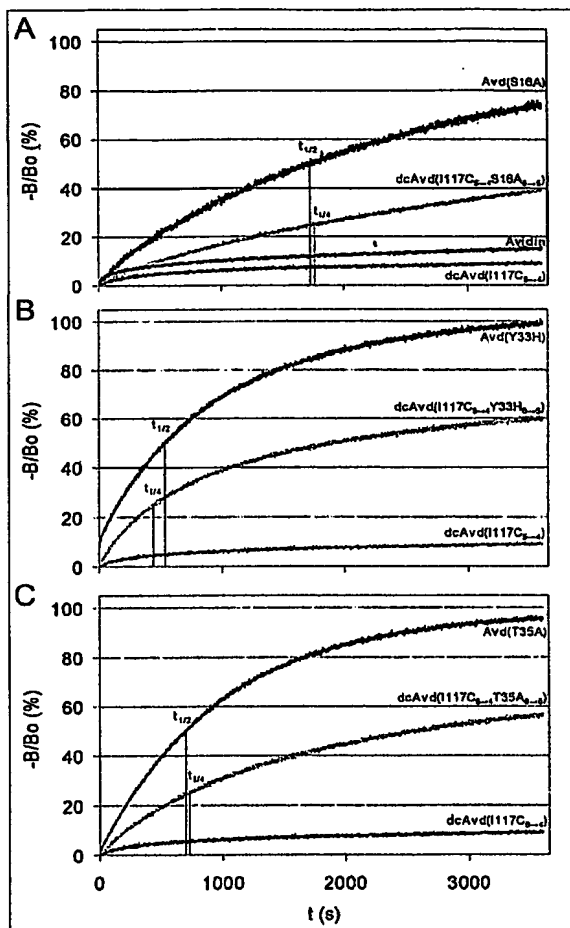
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GGAAGGAGGTCCTGAAGACCATGTGGCTGCTGCGGTCAAGTGT
TAATGACATTGGTGATGACTGGAAAGCTACCAGGGTCGGCATC
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GAGGCTCCGCCAGAAAGTGCTCGCTGACTGGGAAATGGACCAA
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CGGGGCTGTGAACAGCAGAGGTGAATTCACAGGCACCTACATC
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Fig. 8



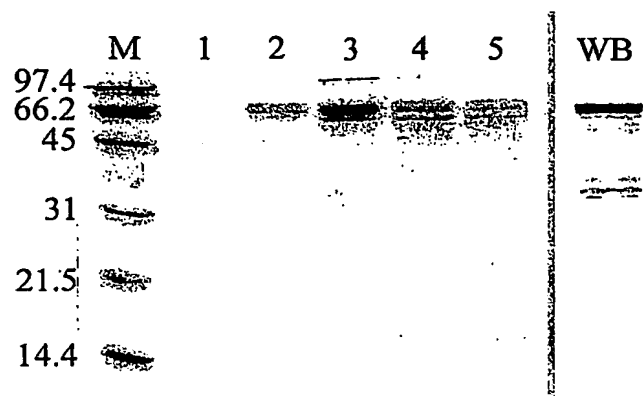
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Fig. 9



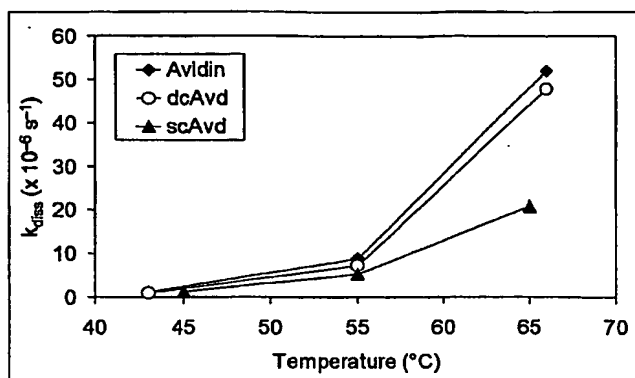
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FIG. 10



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FIG. 11



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FIG. 12

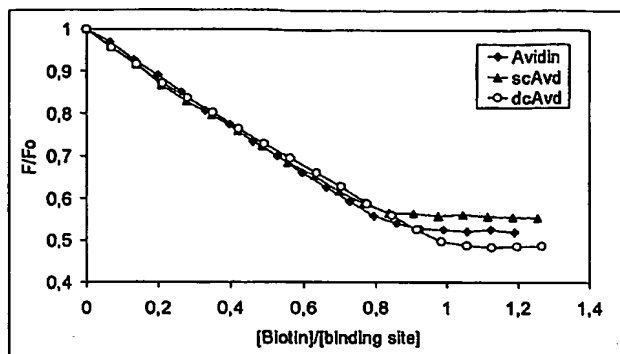
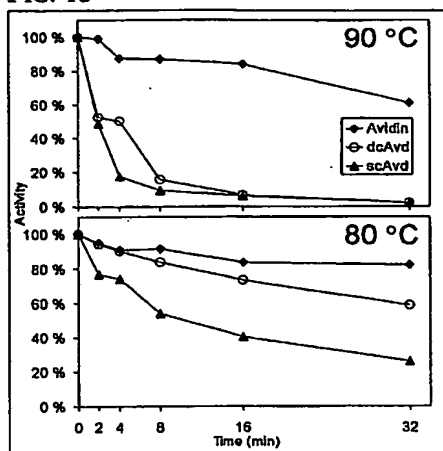


FIG. 13



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Fig. 14

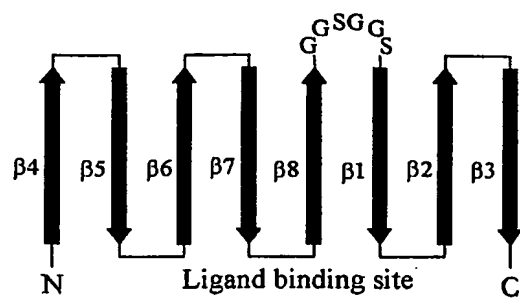
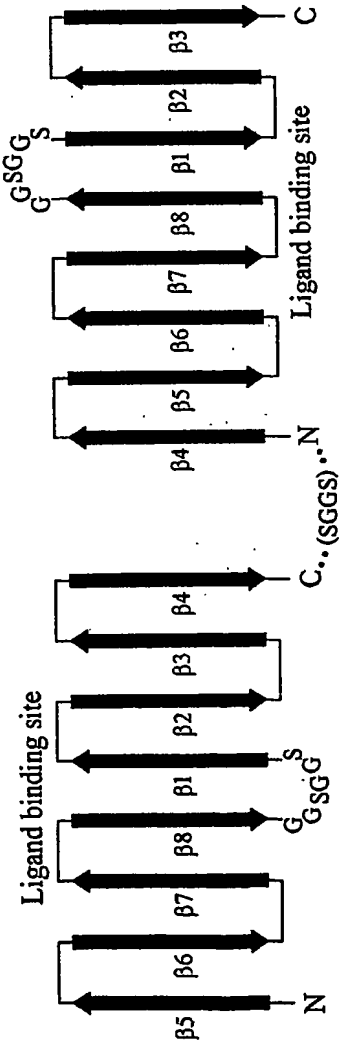
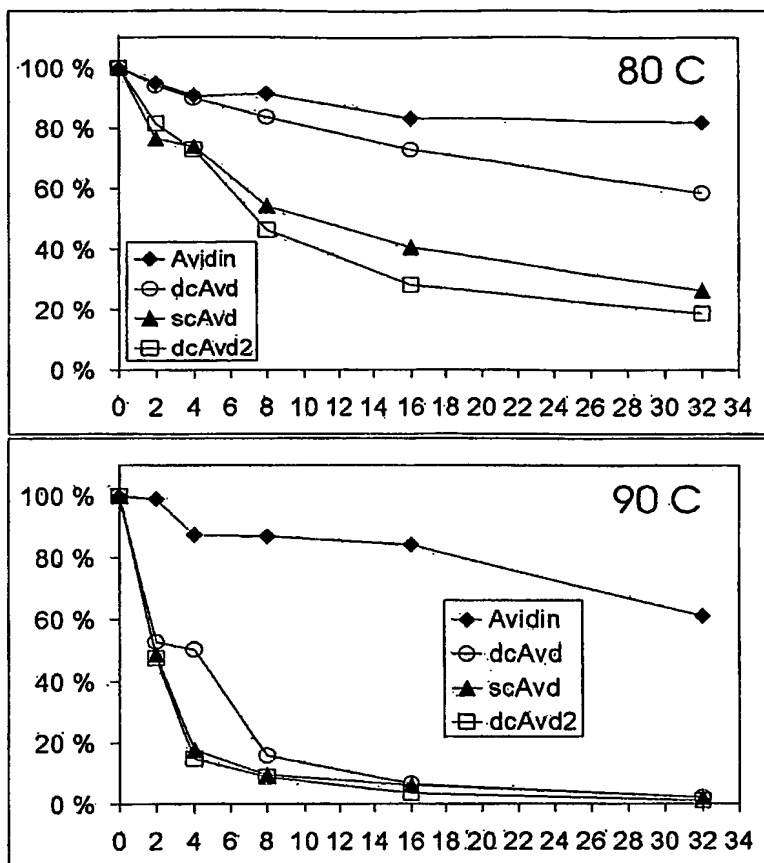


Fig 15.



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Fig. 16



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Fig. 17

1 MNKPSKFALP LAFAAVTASG VASAGTQPTF GFTVNWKFSE
STTVFTGQCF IDRNGKEVLK
61 TMWLLRSSVN DIGDDWKATR VGINIFTRLR TQKEGGSGGS
ARKCSLTGKW TNDLGSNMTI
121 GAVNSRGEFT GTYITAVTAT SNEIKESPLH GTQNTINKSG
GSKESPLHGT QNTINKRTQP
181 TFGFTVNWKF SESTTVFTGQ CFIDRNGKEV LKTMWLLRSS
VNDIGDDWKA TRVGINIFTR
241 LRTQKEGGSG GSARKCSLTG KWTNDLGSNM TIGAVNSRGE
FTGTYITAVT

Fig. 18

```
1      ATGAACAAAC CCTCCAAATT CGCTCTGCCG CTTGCCTTCG
CCGCCGTTAC GGCCTCTGGT
61      GTTGCCTCGG CTGGTACCCA GCCCACCTTT GGCTTCACCG
TCAATTGGAA GTTTTCAGAG
121     TCCACCACTG TCTTCACGGG CCAGTGCTTC ATAGACAGGA
ATGGGAAGGA GGTCTGAAG
181     ACCATGTGGC TGCTGCGGTC AAGTGTTAAT GACATTGGTG
ATGACTGGAA AGCTACCAGG
241     GTCGGCATCA ACATCTTCAC TCGCCTGCGC ACACAGAAGG
AGGGAGGCTC CGGAGGCTCC
301     GCCAGAAAGT GCTCGCTGAC TGGGAAATGG ACCAACGATC
TGGGCTCCAA CATGACCATC
361     GGGGCTGTGA ACAGCAGAGG TGAATTCACA GGCACCTACA
TCACAGCCGT AACAGCCACA
421     TCAAATGAGA TCAAAGAGTC ACCACTGCAT GGGACACAAA
ACACCATCAA CAAGTCCGGC
481     GGATCCAAAG AGTCACCACT GCATGGGACA CAAAACACCA
TCAACAAGAG GACCCAGCCC
541     ACCTTTGGCT TCACCGTCAA TTGGAAGTTT TCAGAGTCCA
CCACTGTCTT CACGGGCCAG
601     TGCTTCATAG ACAGGAATGG GAAGGAGGTC CTGAAGACCA
TGTGGCTGCT GCGGTCAAGT
661     GTTAATGACA TTGGTGATGA CTGGAAAGCT ACCAGGGTCG
GCATCAACAT CTTCACTCGC
721     CTGCGCACAC AGAAGGAGGG AGGCTCCGGA GGCTCCGCCA
GAAAGTGCTC GCTGACTGGG
781     AAATGGACCA ACGATCTGGG CTCCAACATG ACCATCGGGG
CTGTGAACAG CAGAGGTGAA
841     TTCACAGGCA CCTACATCAC AGCCGTAACA TAA
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